How to Conduct this Class

- Setup
  - AFATDS:
    - IMEF database loaded.
      - Do not implement Plan Volcanic
      - Establish a client user at AFATDS
        - » Name: ffc1imef
        - » Password: ffc1imef

How to Conduct this Class

- Setup
  - SISTIM:
    - IMEF_MODULAR scenario with all nets except the GDU net active
  - Start class on next slide.

C2PC-EMT OPERATIONS

ALL MOS'S

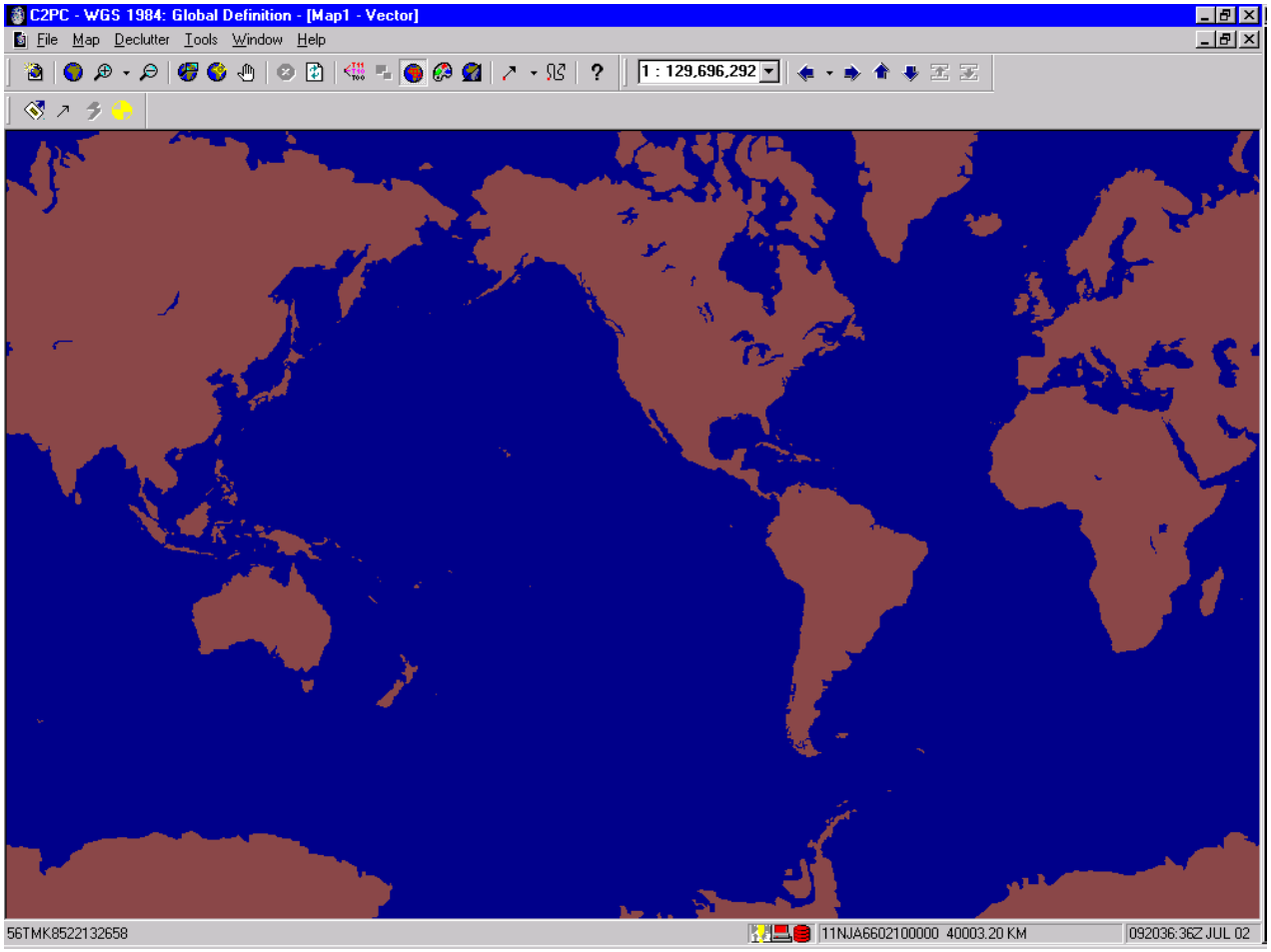
Objective

- Login from the EMT
- React to login failure
- EMT C2PC controls and menus
- EMT Map controls

Start C2PC

- Click **Start, Programs, C2PC, C2PC Client**

C2PC Map displays...

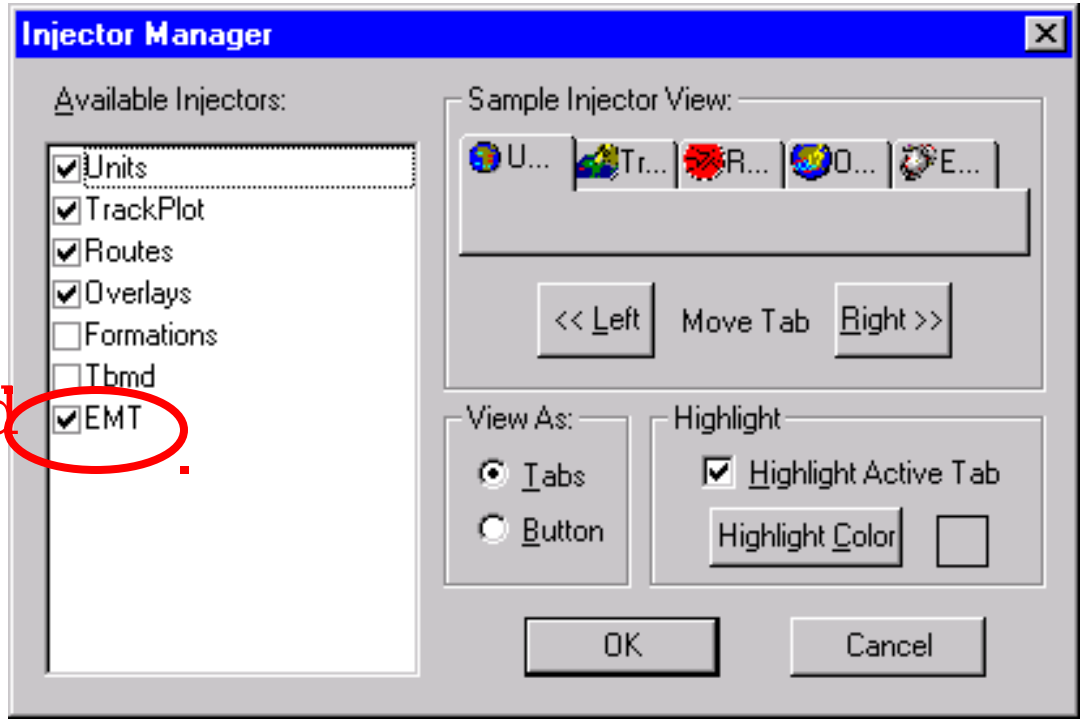

C2PC - WGS 1984: Global Definition - [Map1 - Vector]
File Map Declutter Tools Window Help
1 : 129,696,292
56TMK8522132658
11NJA6602100000 40003.20 KM
092036:36Z JUL 02

Warning!!!

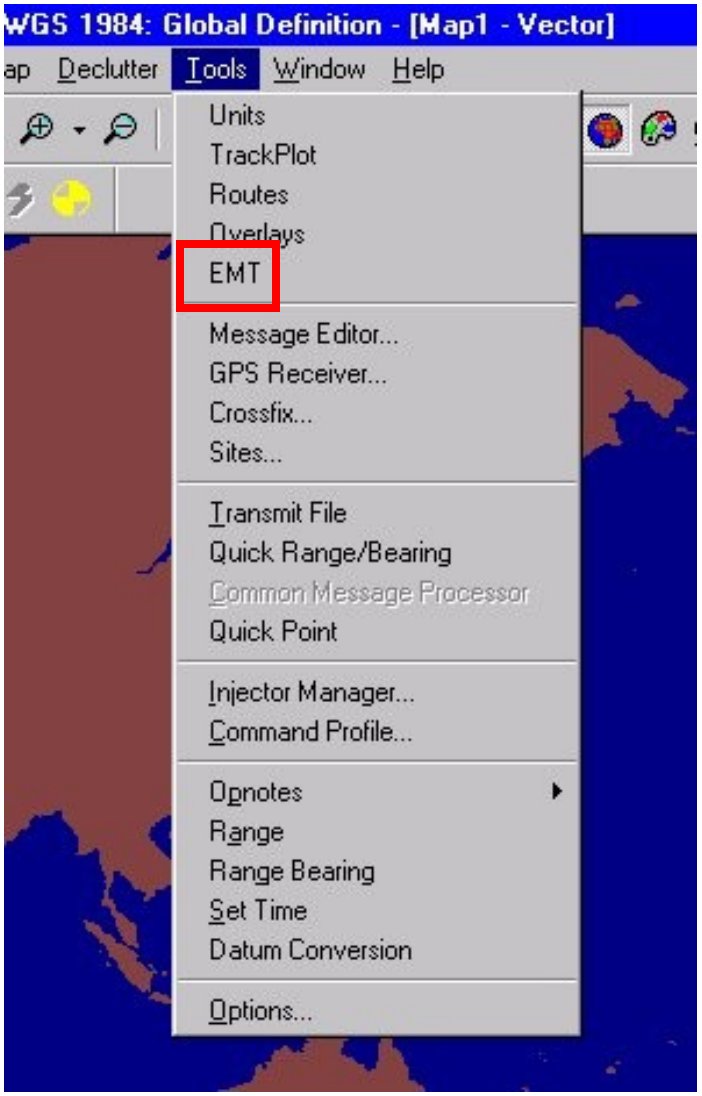
Saving a Map on C2PC
will cause erratic behavior
in both C2PC and EMT.

Click **Tools, Injector Manage**

Ensure EMT is checked.

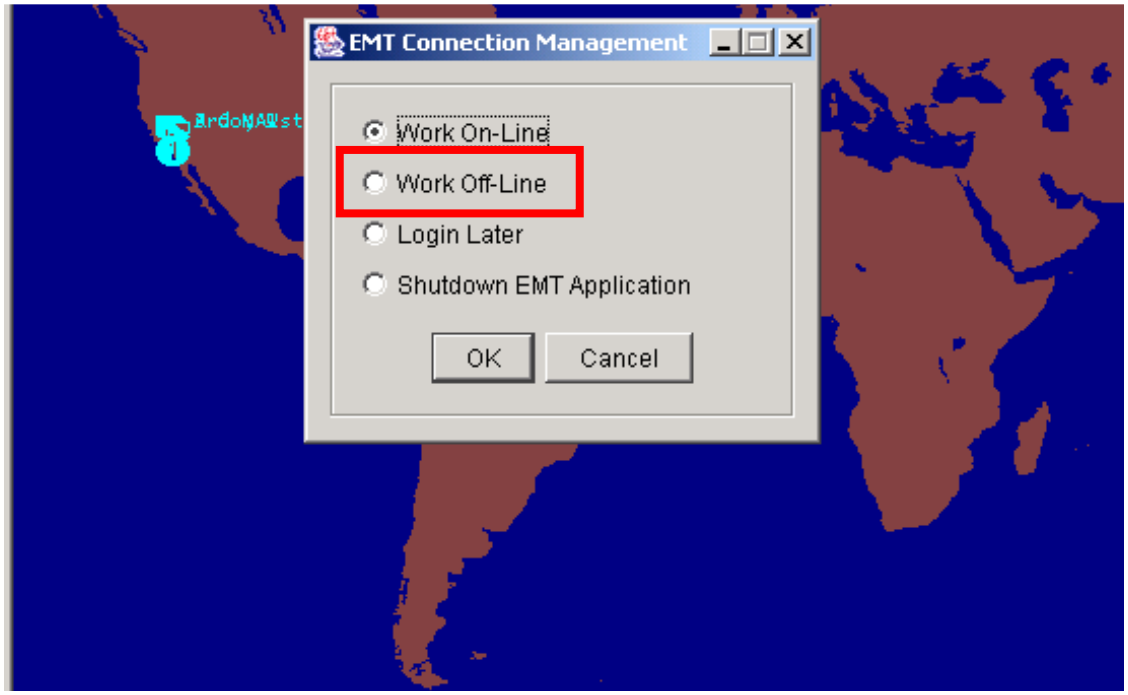


Select EMT

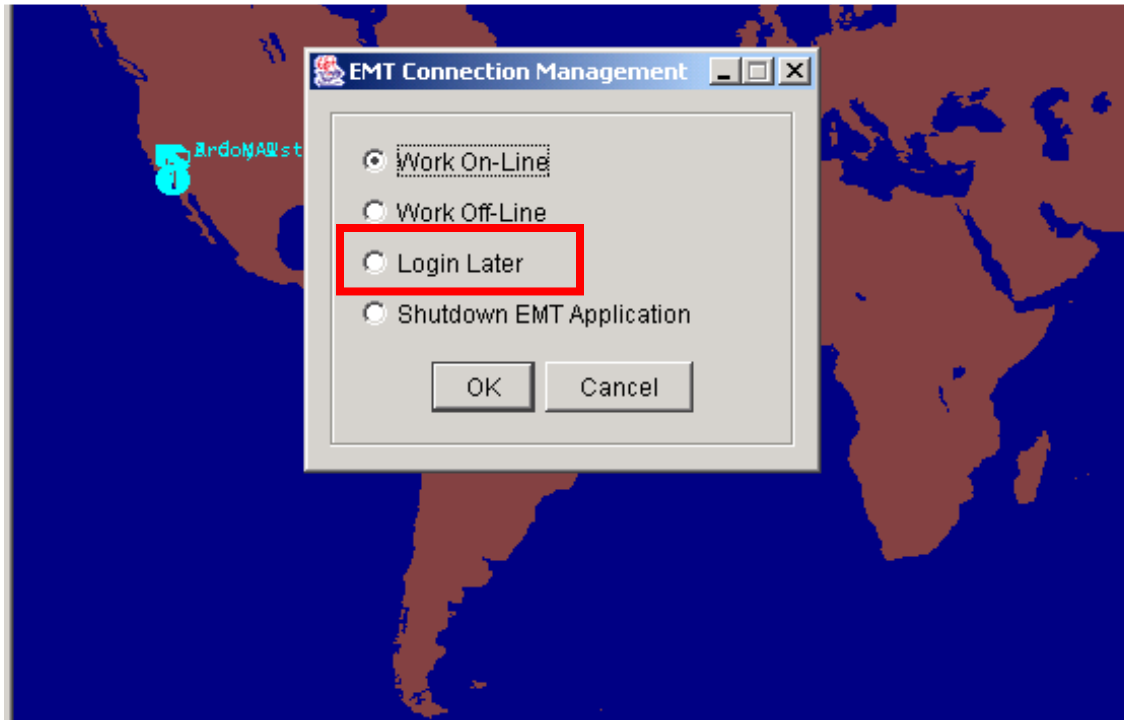


If EMT is not available, check the Injector Manager; ensur EMT is checked

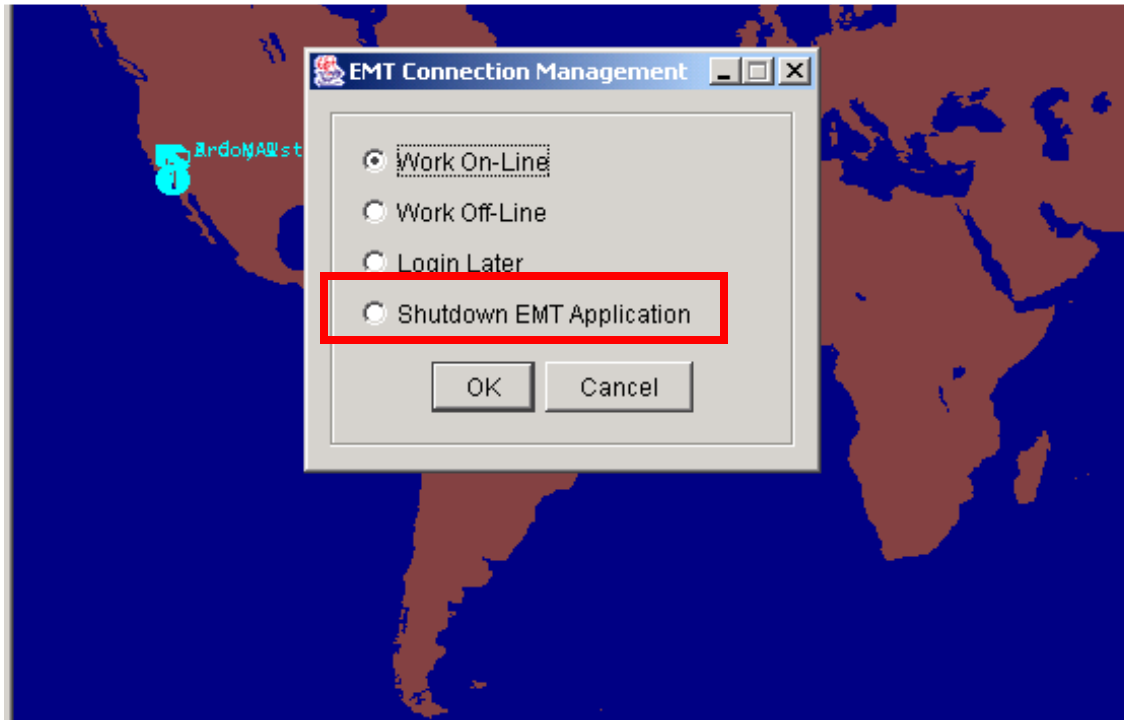
Allows work on a previously saved database without connecting to server.



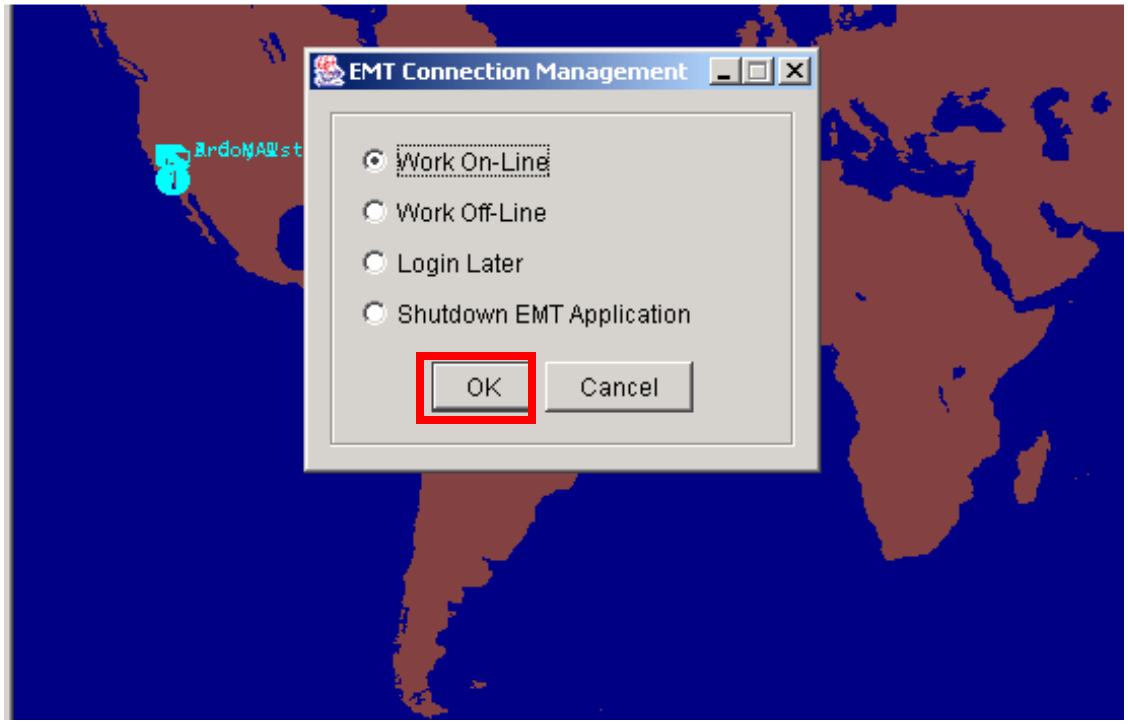
Allows operation of C2PC without logging in with serve

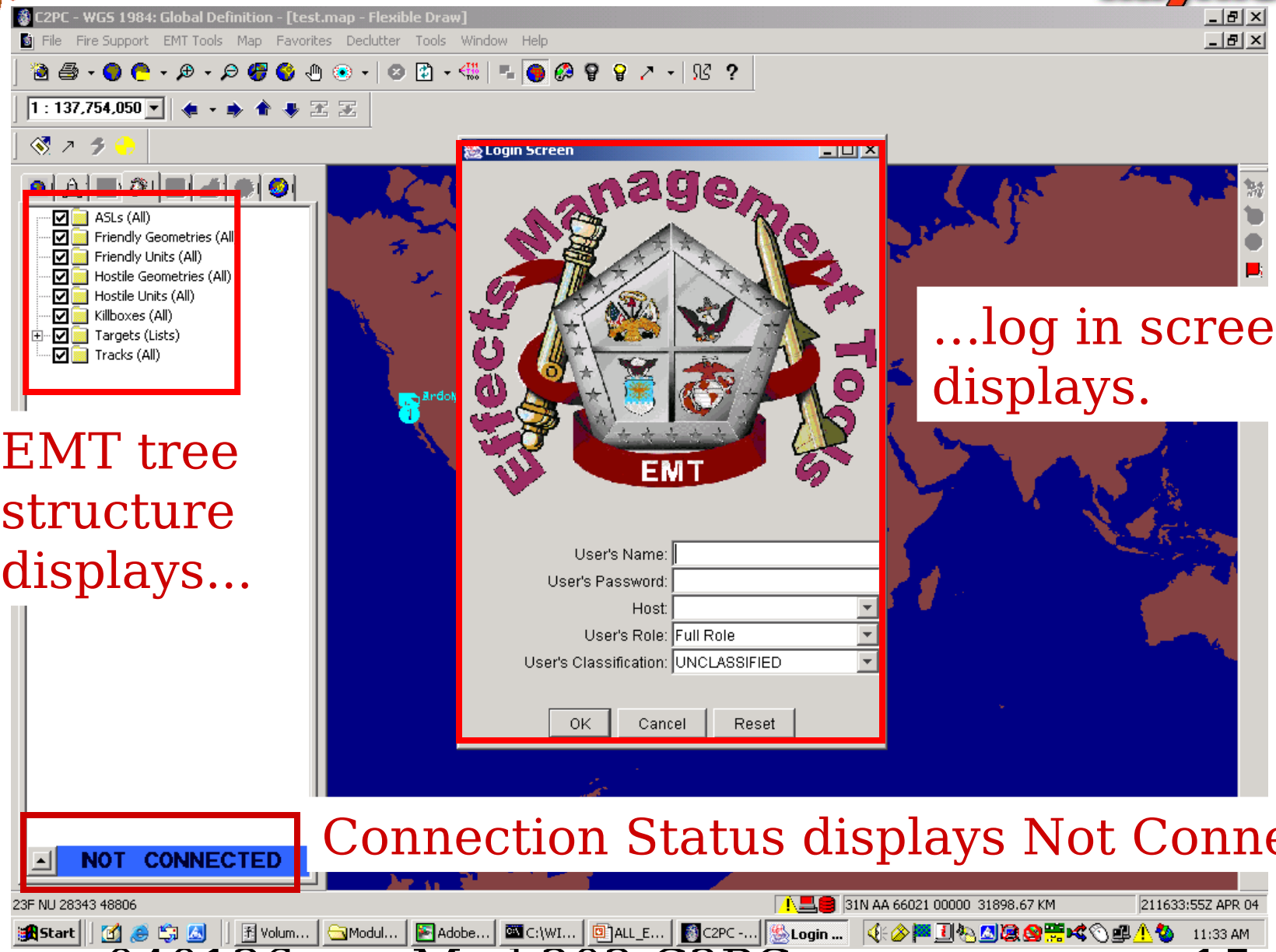


Allows operation of C2PC and shuts down EMT.



With **Work On-Line** selected, click the **OK** button.





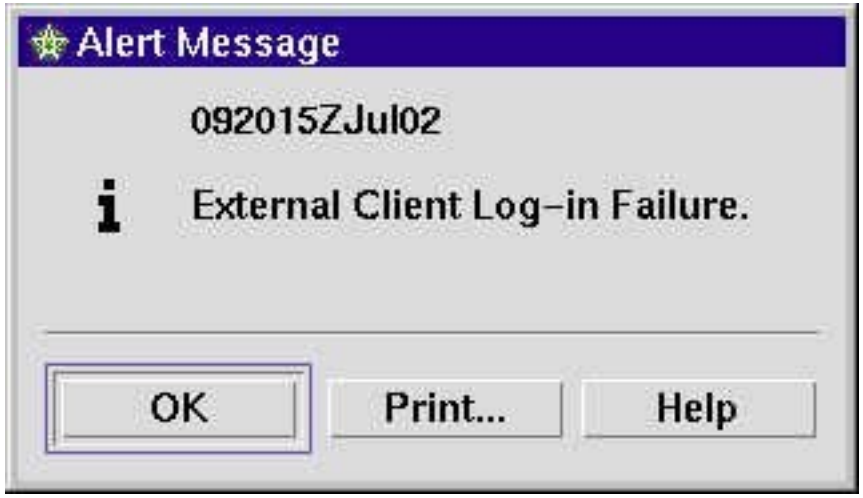
EMT tree structure displays...

...log in screen displays.

Connection Status displays Not Connected

Login

- Login with:
  - User: FFC1IMEF
  - Password: ffc1imef



AFATDS operator is alerted to login failure.

User names and passwords are case sensitive.

C2PC operator must exit and re-start C2PC

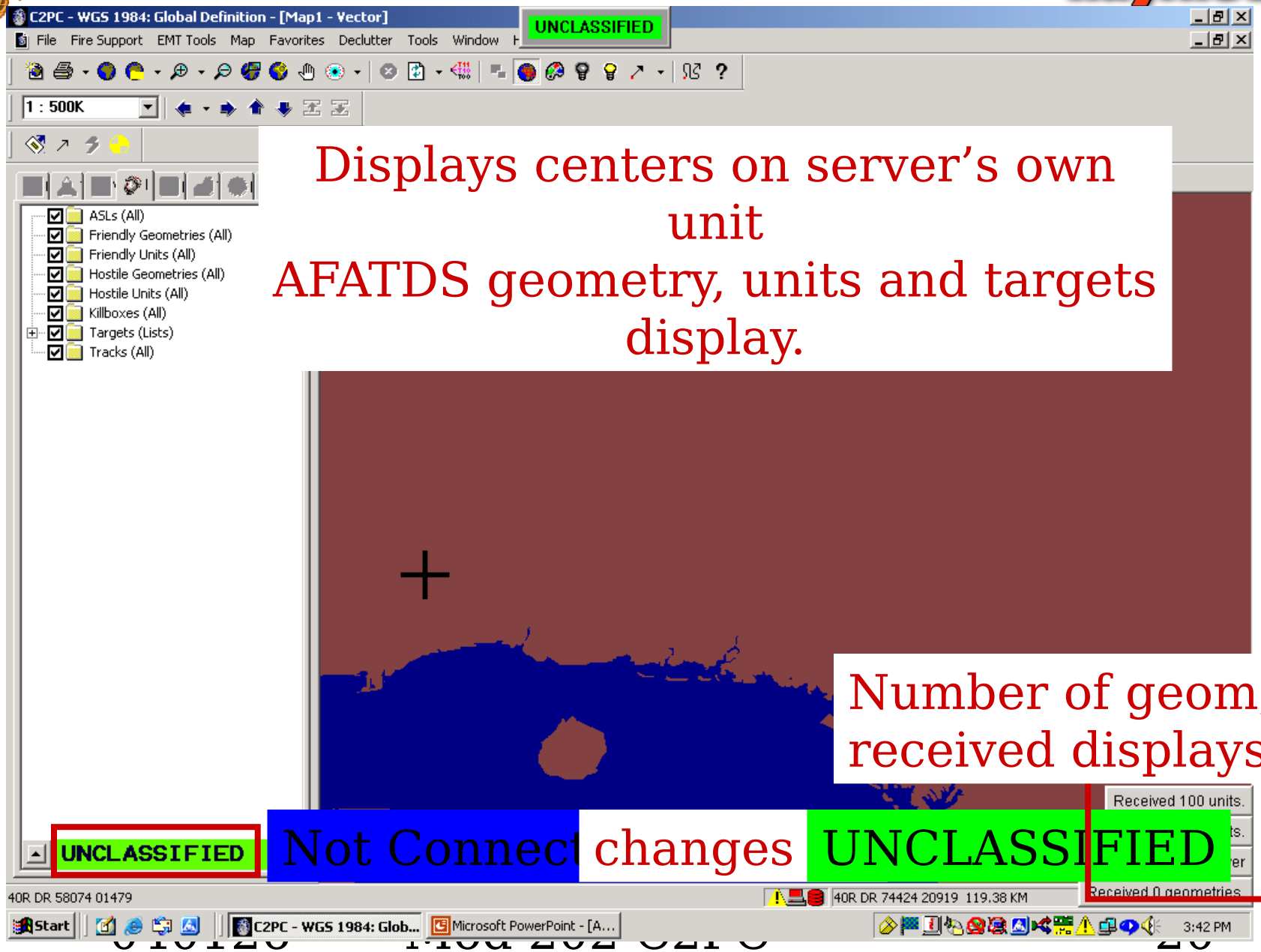
Client is alerted to failed login…

Login

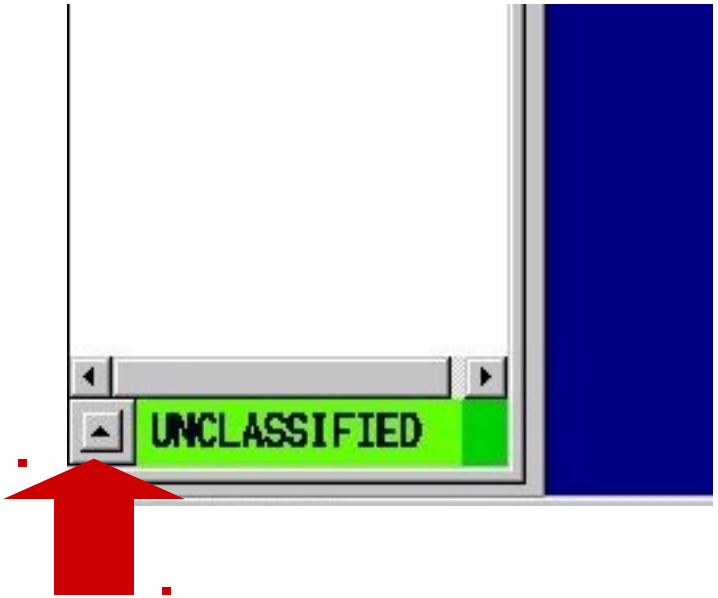
- Login with:
  - User: ffc1imef
  - Password: ffc1imef

USMC FIT

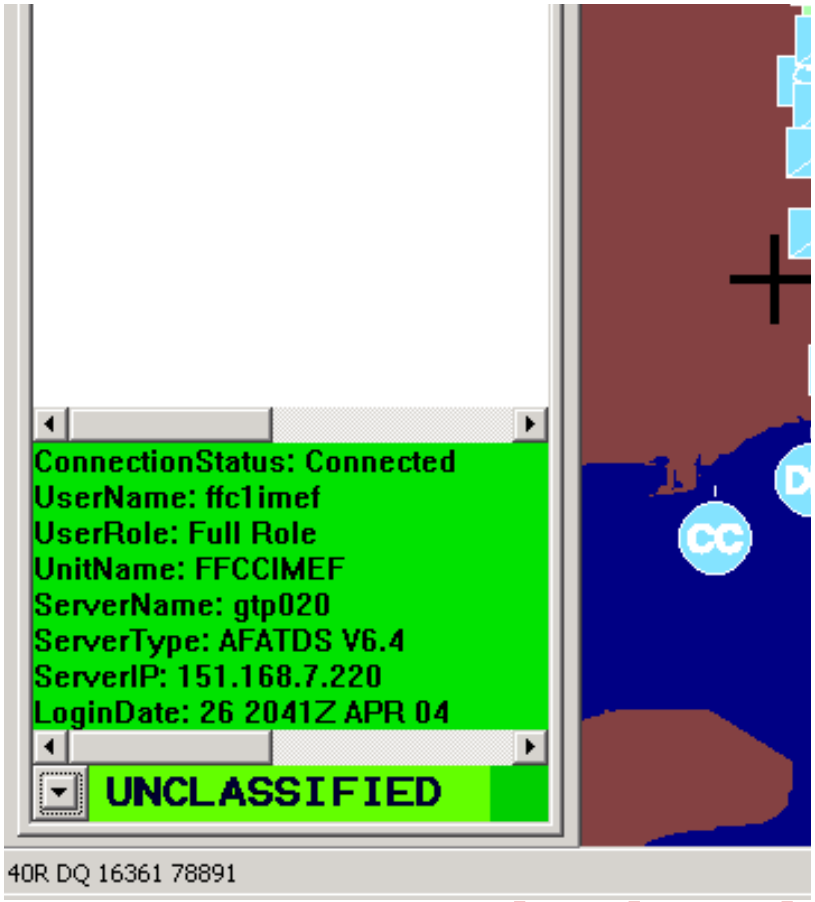
Raytheon



EMT OPS(ALL)

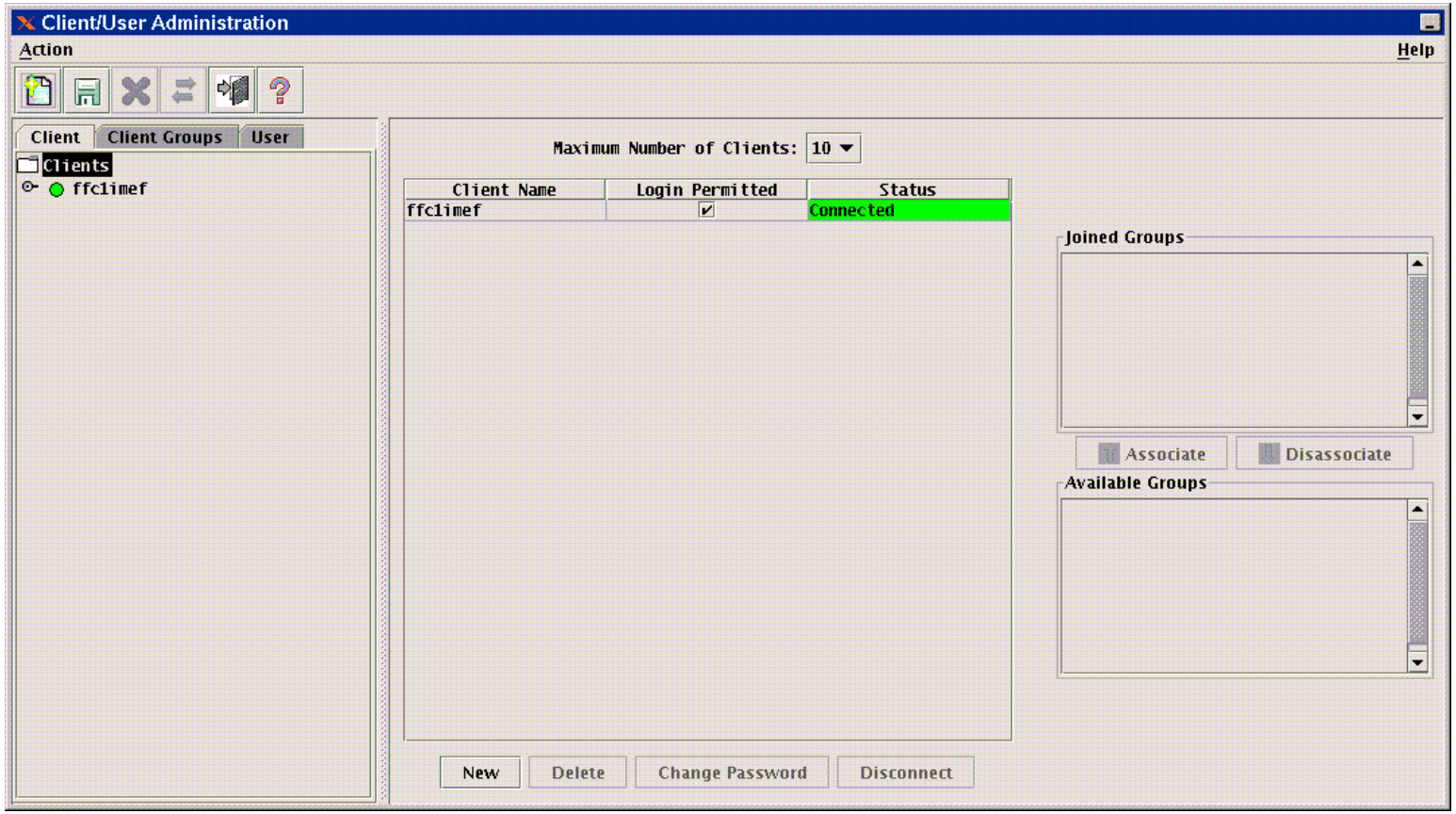


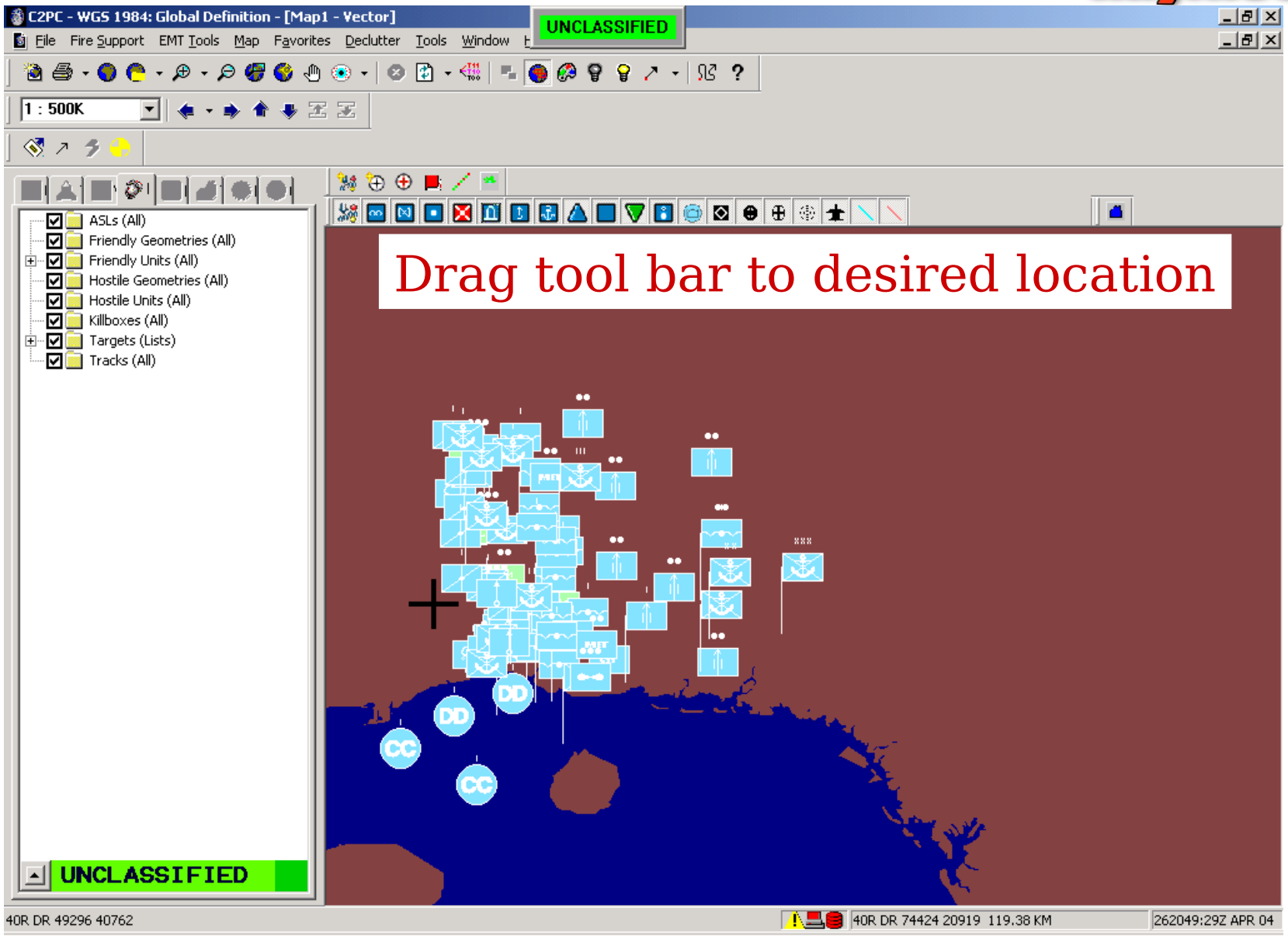
Click the arrow to the left of the classification



Connection status is displayed.

Server displays connected clients…




C2PC - WGS 1984: Global Definition - [Map1 - Vector]
UNCLASSIFIED
File Fire Support EMT Tools Map Favorites Declutter Tools Window
1 : 500K
ASLs (All)
Friendly Geometries (All)
Friendly Units (All)
Hostile Geometries (All)
Hostile Units (All)
Killboxes (All)
Targets (Lists)
Tracks (All)
UNCLASSIFIED
Drag tool bar to desired location
DD
DD
CC
CC
40R DR 49296 40762
40R DR 74424 20919 119.38 KM
262049:29Z APR 04

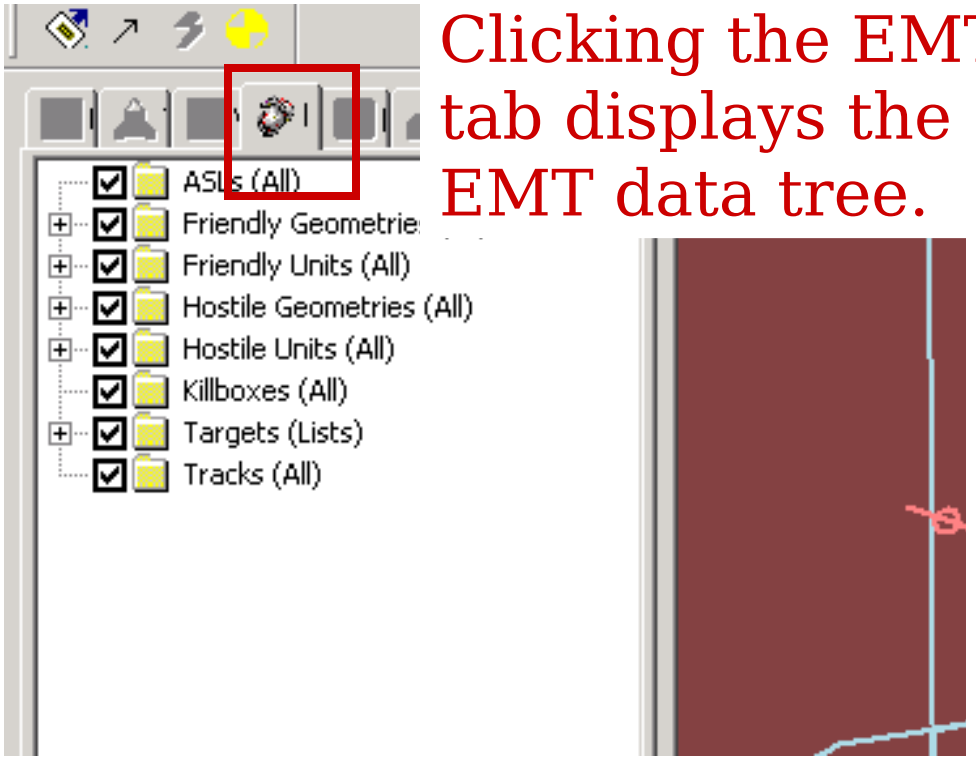
EMT Layer

AFATDS Data Overlaid on C2PC

EMT Updates as AFATDS Current Situation Changes…

- At the AFATDS server, implement all of Plan Volcanic, Phase 1
  - Click **Situations, Implement Plan**
  - Select **Volcanic, Phase 1** and click **OK**
  - Select **Information Type: All Data**
  - Click **Implement…** button and confirm
- Repeat these steps for Volcanic, Phase 2 Enemy units and geometry

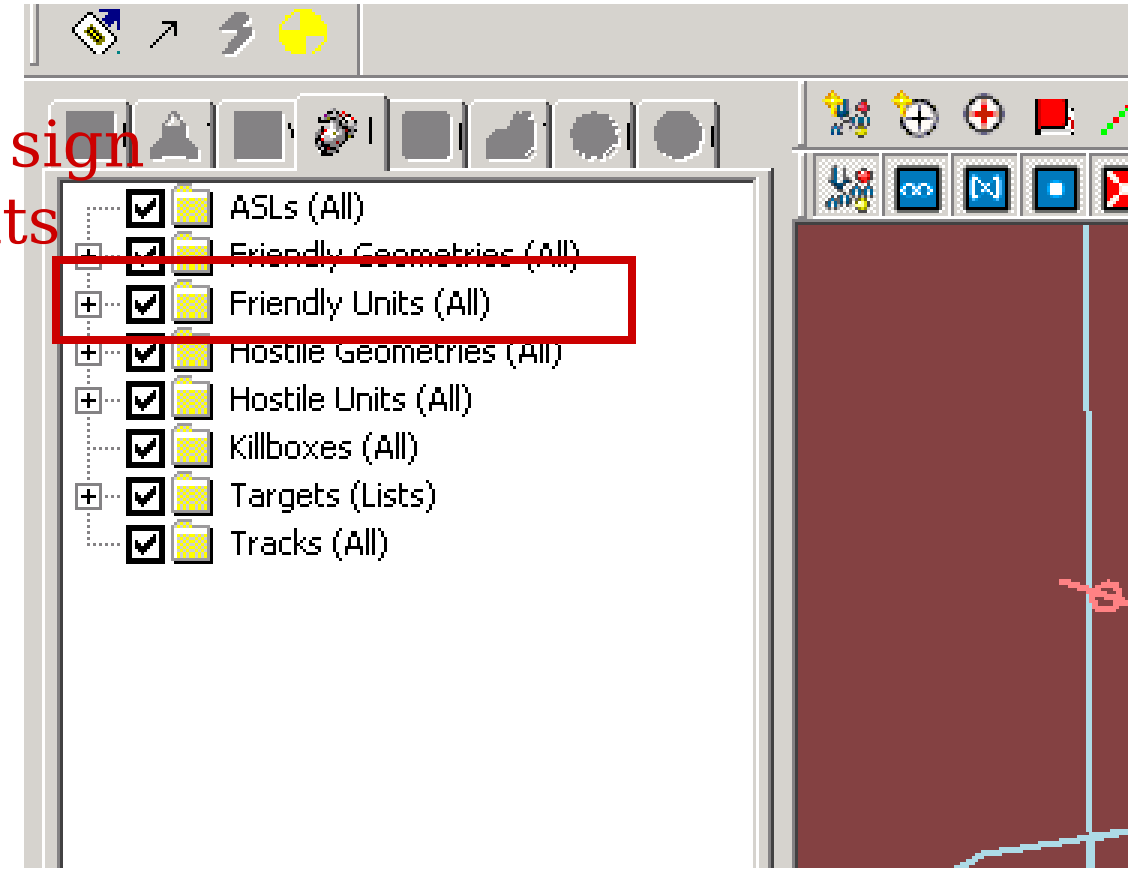
EMT Tab



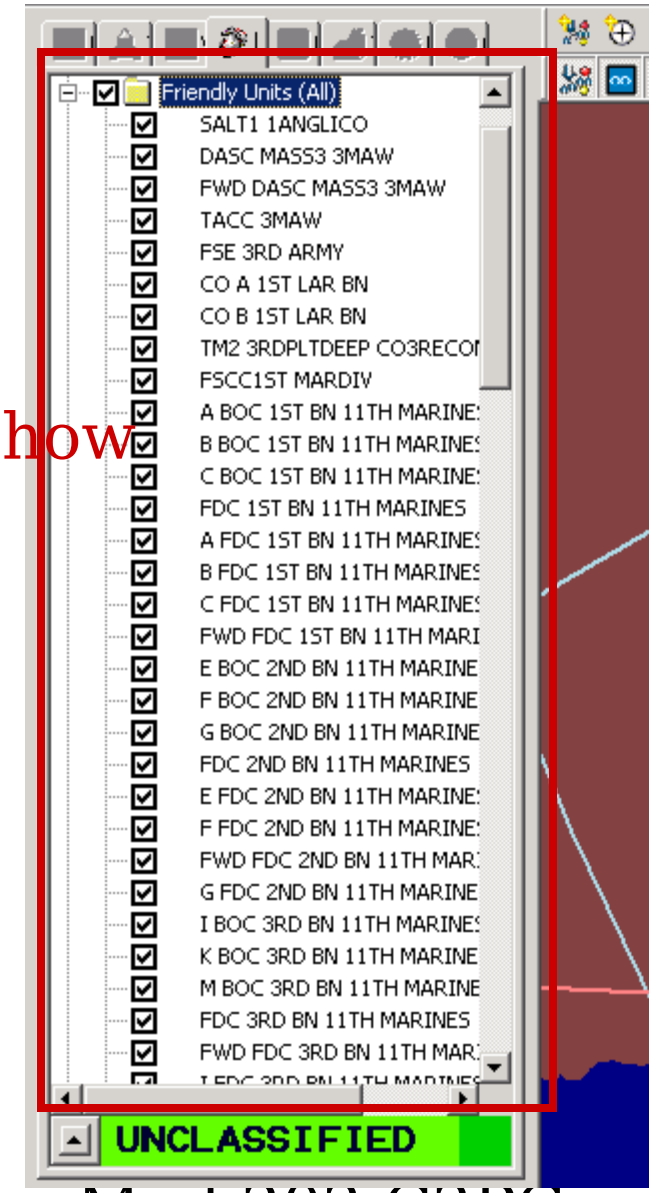
Clicking the EMT tab displays the EMT data tree.

If the EMT is not connected to the AFATDS server, the EMT tab displays the login window!

Click the plus sign at friendly units



Units list expands to show units.

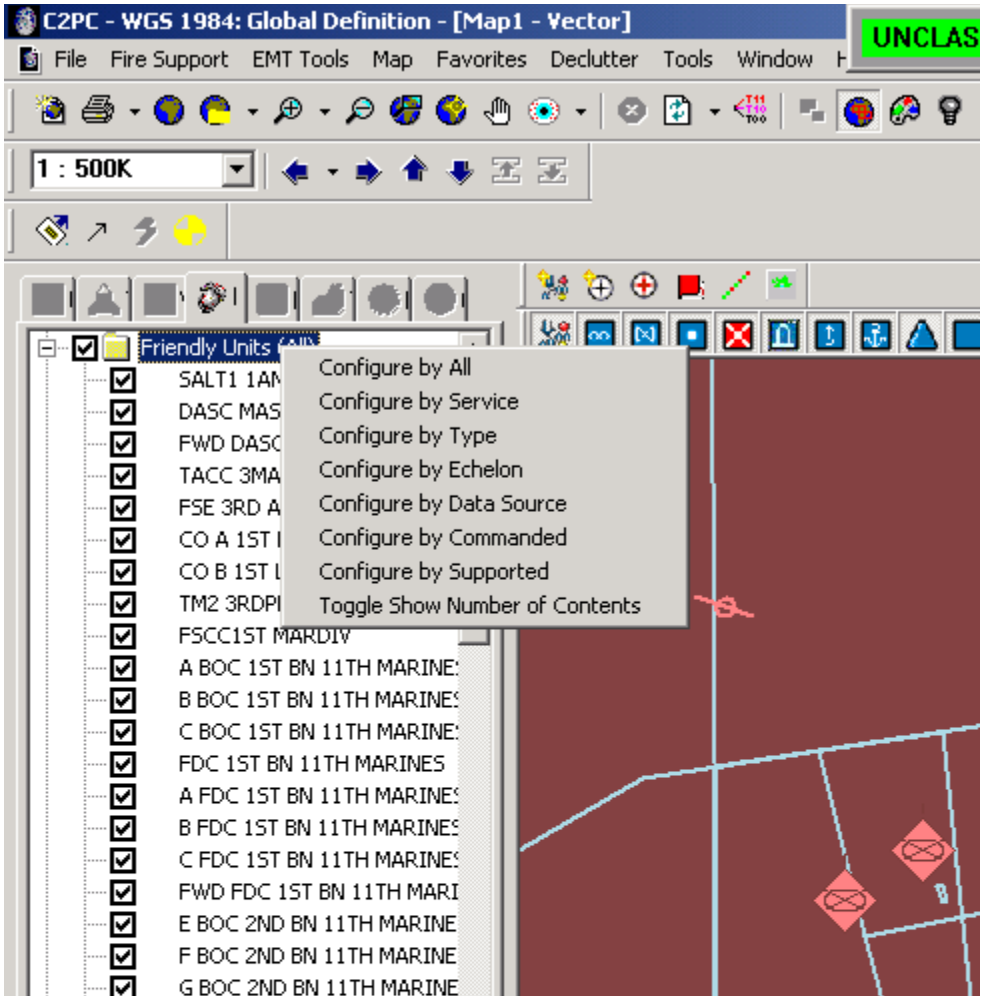

Friendly Units (All)
SALT1 1ANGLICO
DASC MASS3 3MAW
FWD DASC MASS3 3MAW
TACC 3MAW
FSE 3RD ARMY
CO A 1ST LAR BN
CO B 1ST LAR BN
TM2 3RDPLTDEEP CO3RECOI
FSCC1ST MARDIV
A BOC 1ST BN 11TH MARINE
B BOC 1ST BN 11TH MARINES
C BOC 1ST BN 11TH MARINE
FDC 1ST BN 11TH MARINES
A FDC 1ST BN 11TH MARINES
B FDC 1ST BN 11TH MARINES
C FDC 1ST BN 11TH MARINES
FWD FDC 1ST BN 11TH MARI
E BOC 2ND BN 11TH MARINE
F BOC 2ND BN 11TH MARINE
G BOC 2ND BN 11TH MARINE
FDC 2ND BN 11TH MARINES
E FDC 2ND BN 11TH MARINE
F FDC 2ND BN 11TH MARINE
FWD FDC 2ND BN 11TH MAR
G FDC 2ND BN 11TH MARINE
I BOC 3RD BN 11TH MARINES
K BOC 3RD BN 11TH MARINE
M BOC 3RD BN 11TH MARINE
FDC 3RD BN 11TH MARINES
FWD FDC 3RD BN 11TH MAR
UNCLASSIFIED

All folders in the tree may be expanded by clicking the +

All folders in the tree may be contracted by clicking the -

Right-click on friendly units….

…unit display can be organized to users p



EMT Tool Bar

Geometry

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Air Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Aviation Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Cannon Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Enemy Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Logistics Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

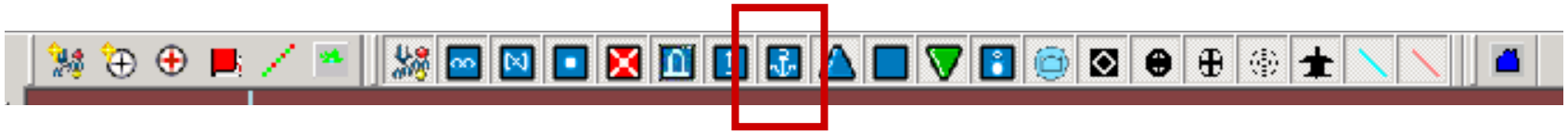
EMT Tool Bar

Mortar Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

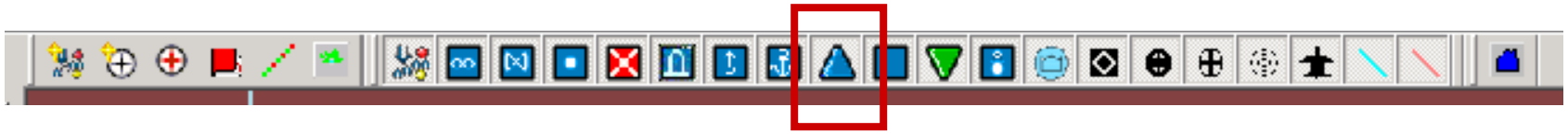
Naval Units



Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Observer Units



Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Other Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Radar Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Rocket Units

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

MIDB

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Other Targets

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Inactive Targets

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Active Targets

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Air Support Requests

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Mission Vecto

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Enemy Vectors

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

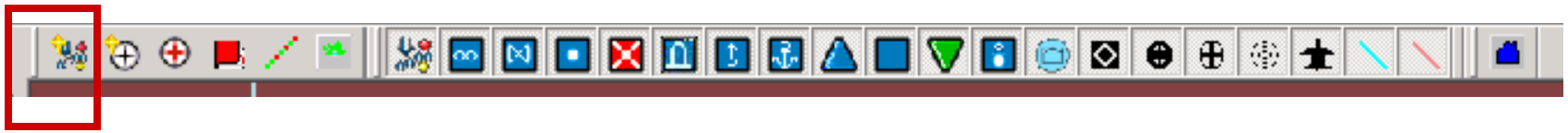
EMT Tool Bar

This Unit's Location

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Create New Geometry



Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Create New Target

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Initiate Fire Mission

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Create Location Bookmark

Filters remove whole categories of data from the AFATDS overlay provided by EMT.

EMT Tool Bar

Line of Site Analysis

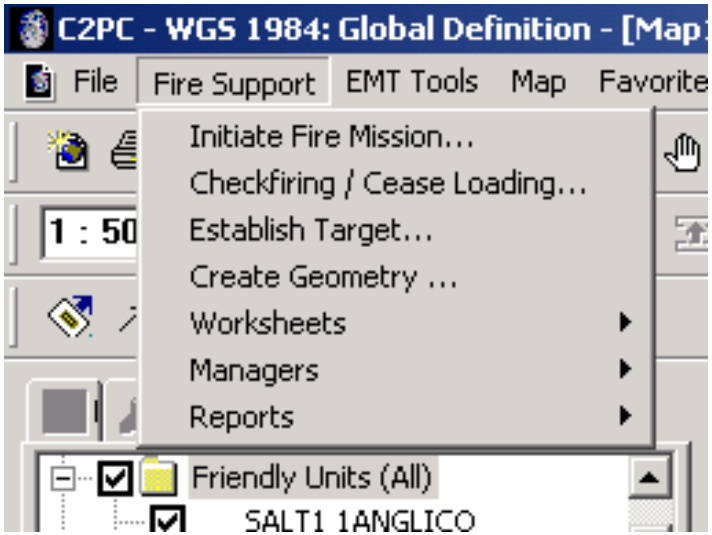
Filters remove whole categories of data from the AFATDS overlay provided by EMT.

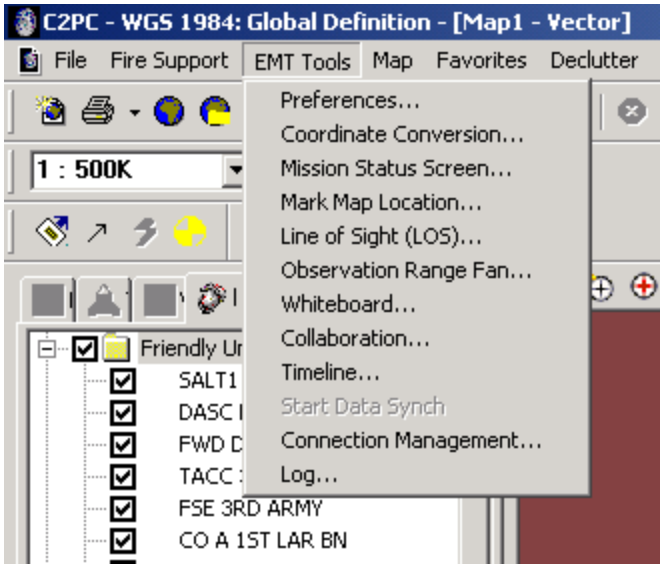
EMT Tool Bar

Create Observation Range Fan

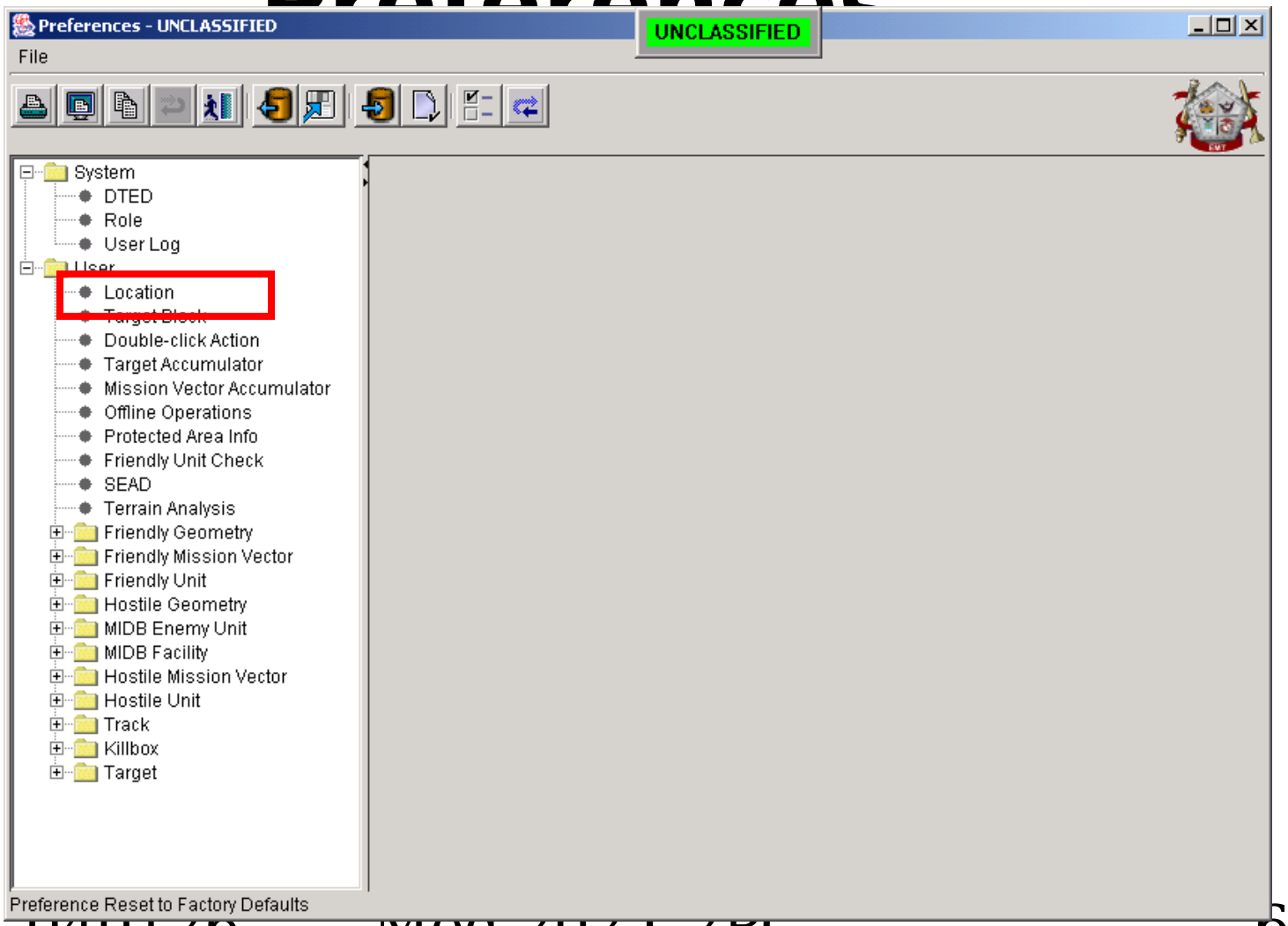
Filters remove whole categories of data from the AFATDS overlay provided by EMT.

Fire Support and EMT Menu

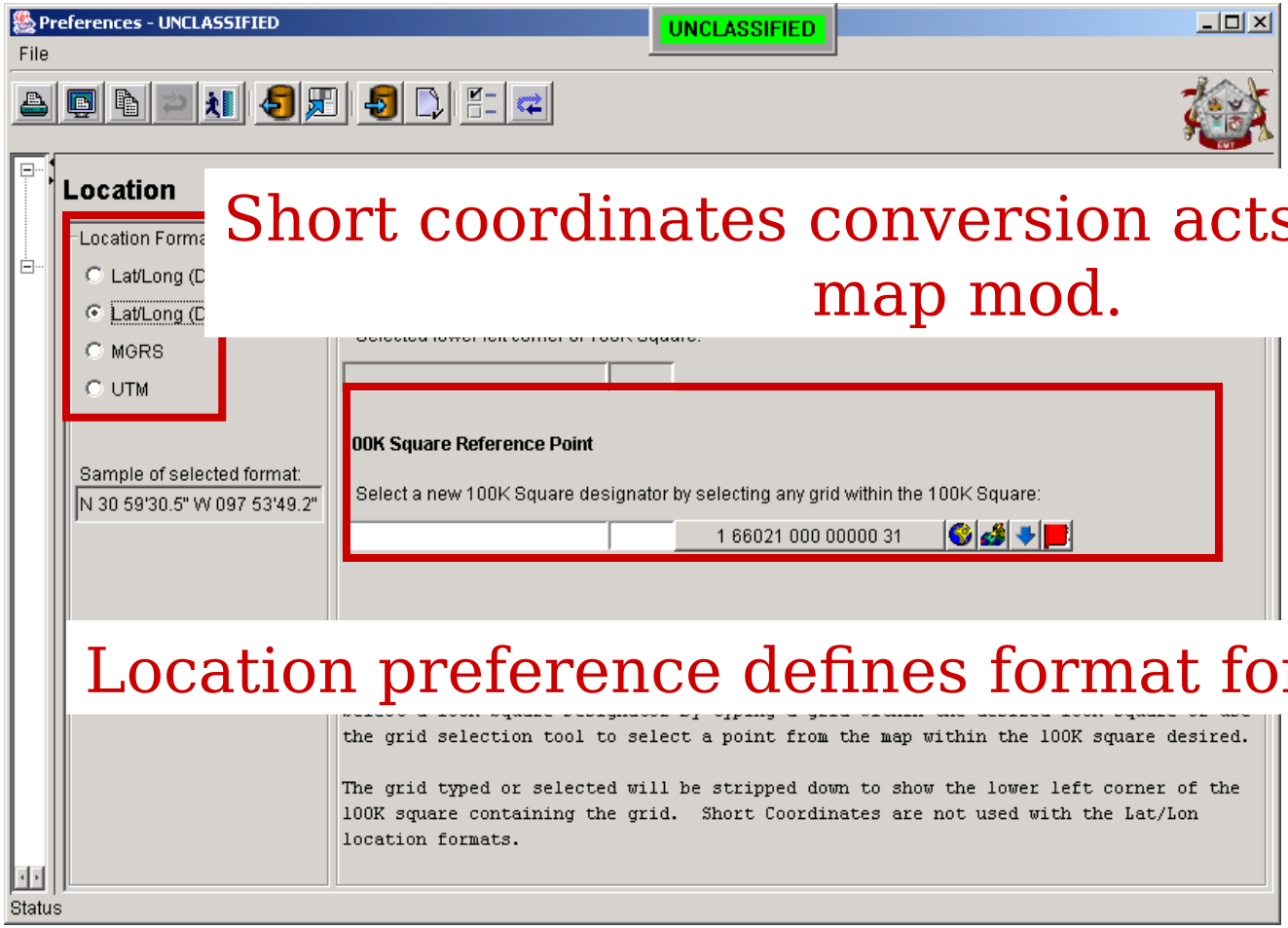




Click **EMT Tools, Preferences**



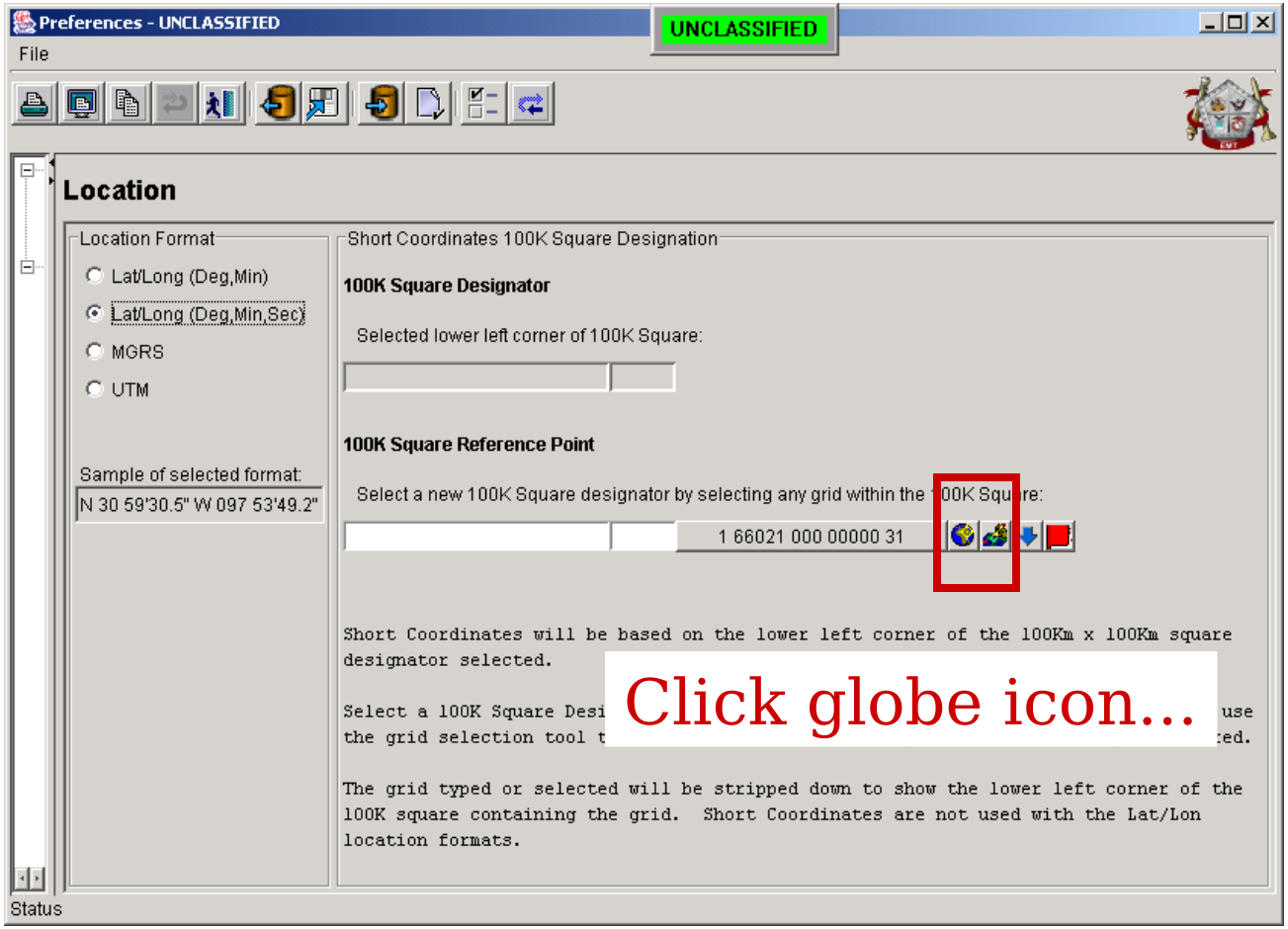
Location Preferences


Preferences - UNCLASSIFIED
UNCLASSIFIED
File
Location
Location Forma
Lat/Long (D
Lat/Long (D
MGRS
UTM
Sample of selected format:
N 30 59'30.5" W 097 53'49.2"
00K Square Reference Point
Select a new 100K Square designator by selecting any grid within the 100K Square:
1 66021 000 00000 31
the grid selection tool to select a point from the map within the 100K square desired.
The grid typed or selected will be stripped down to show the lower left corner of the 100K square containing the grid. Short Coordinates are not used with the Lat/Lon location formats.
Status

Short coordinates conversion acts like AFATI map mod.

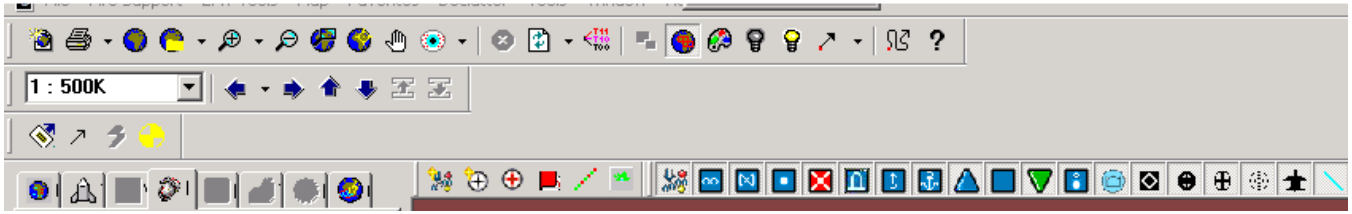
Location preference defines format for grids.

Select “Map Mod” Lower left corner.

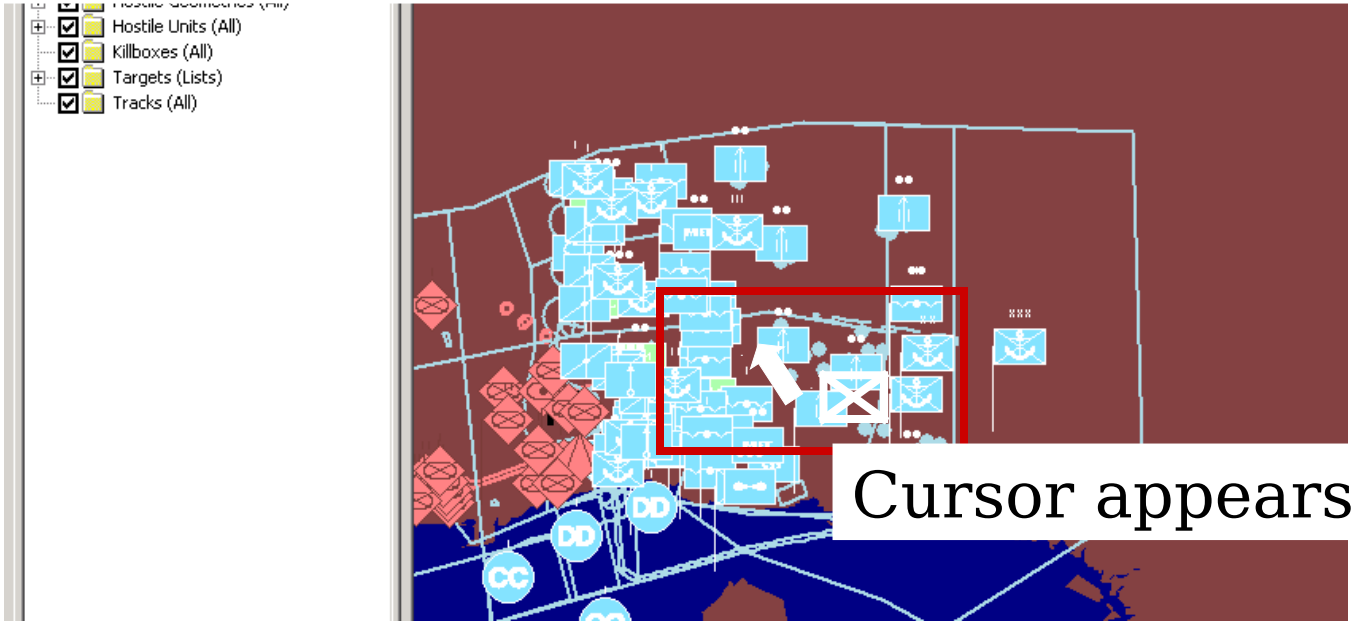

Preferences - UNCLASSIFIED
UNCLASSIFIED
File
Location
Location Format
Lat/Long (Deg,Min)
Lat/Long (Deg,Min,Sec)
MGRS
UTM
Sample of selected format:
N 30 59'30.5" W 097 53'49.2"
Short Coordinates 100K Square Designation
100K Square Designator
Selected lower left corner of 100K Square:
100K Square Reference Point
Select a new 100K Square designator by selecting any grid within the 100K Square:
1 66021 000 00000 31
Short Coordinates will be based on the lower left corner of the 100Km x 100Km square designator selected.
Click globe icon...
The grid typed or selected will be stripped down to show the lower left corner of the 100K square containing the grid. Short Coordinates are not used with the Lat/Lon location formats.
Status

Select “Map Mod” Preferences

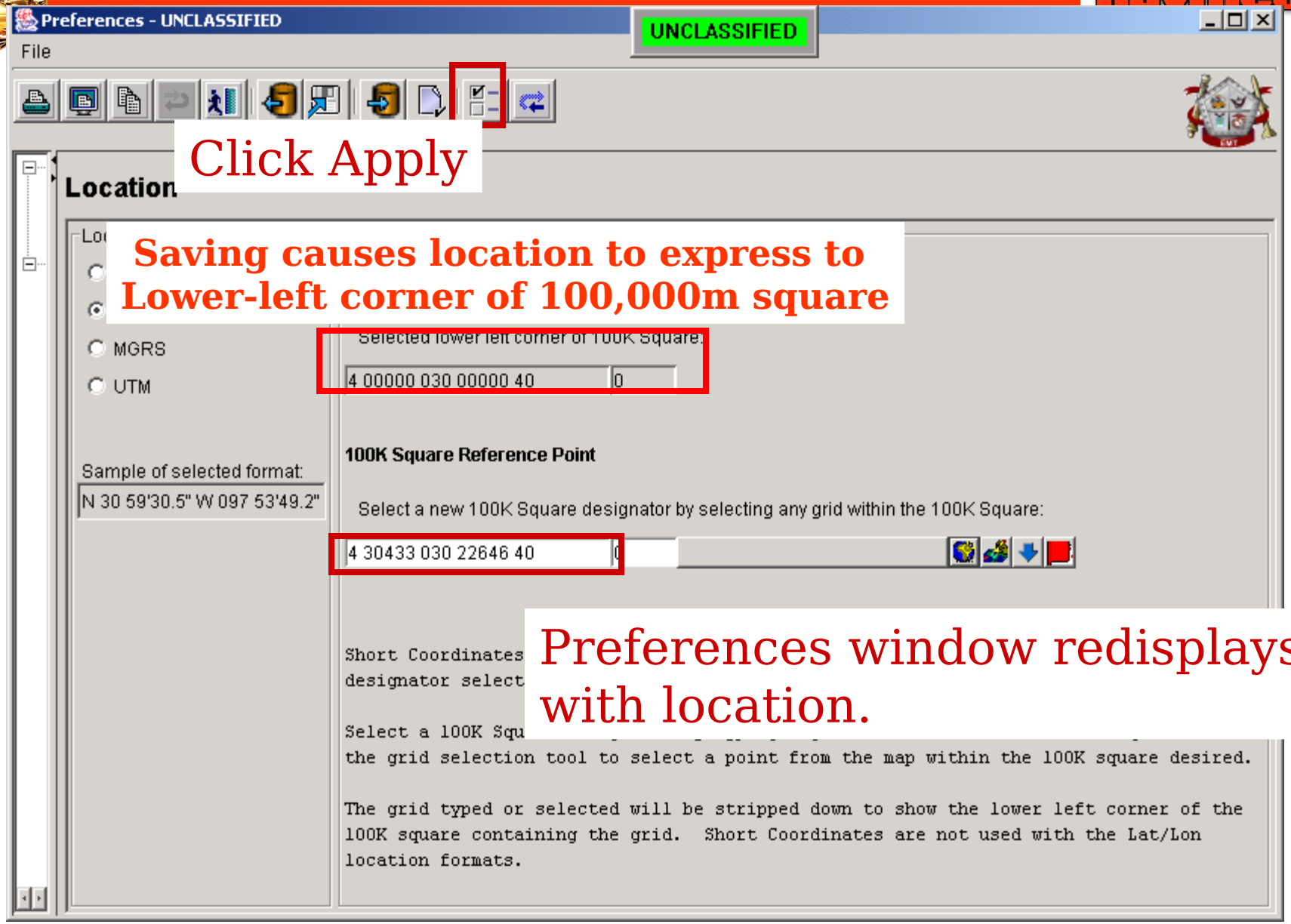
Preference window minimizes and map displays…

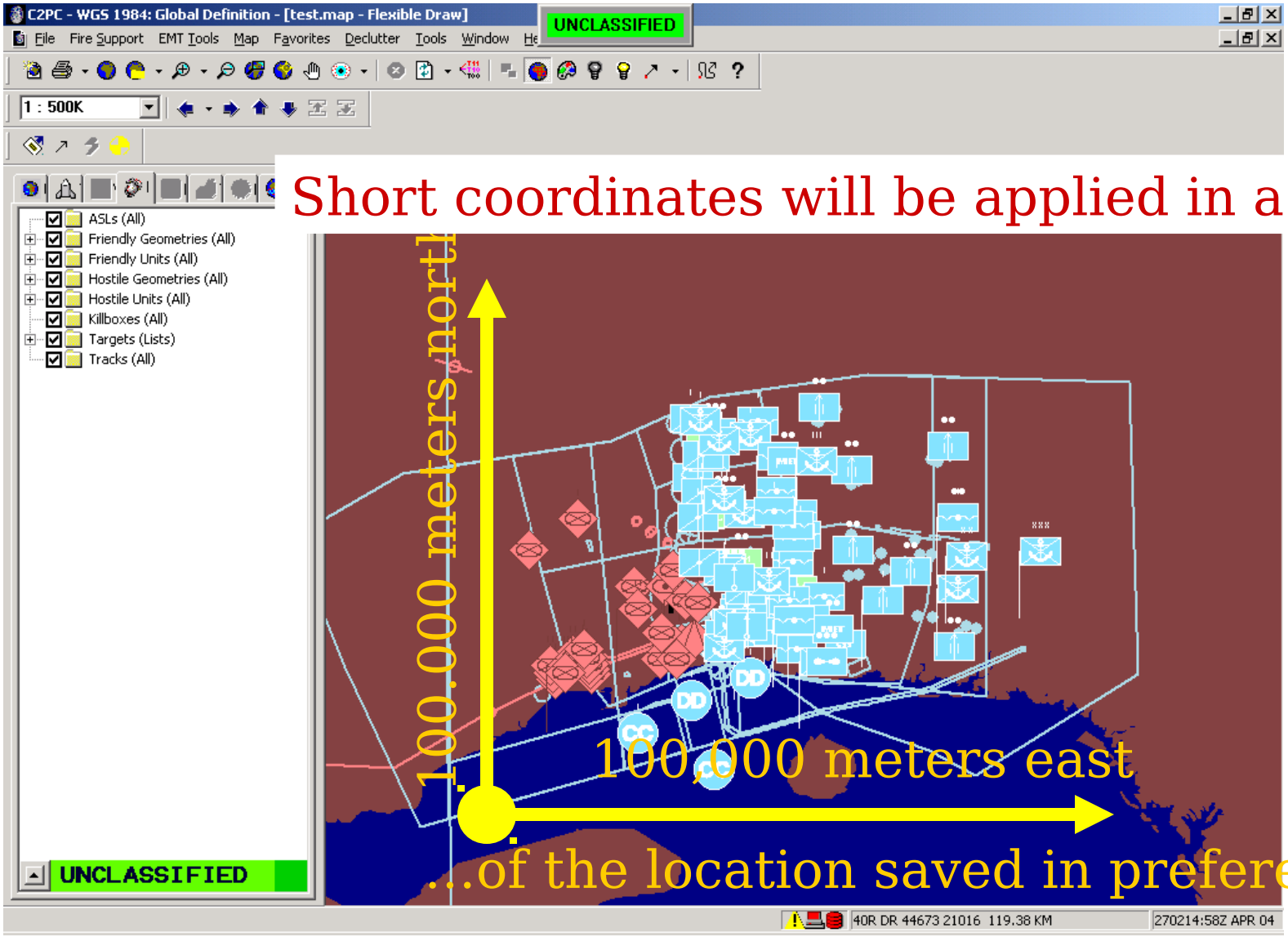


Move cursor to center of ZORs and left click.



Cursor appears with bo


Preferences - UNCLASSIFIED
UNCLASSIFIED
File
Click Apply
Location
Saving causes location to express to Lower-left corner of 100,000m square
MGRS
UTM
Sample of selected format:
N 30 59'30.5" W 097 53'49.2"
4 00000 030 00000 40
100K Square Reference Point
Select a new 100K Square designator by selecting any grid within the 100K Square:
4 30433 030 22646 40
Preferences window redisplays with location.
the grid selection tool to select a point from the map within the 100K square desired.
The grid typed or selected will be stripped down to show the lower left corner of the 100K square containing the grid. Short Coordinates are not used with the Lat/Lon location formats.


C2PC - WGS 1984: Global Definition - [test.map - Flexible Draw]
UNCLASSIFIED
File Fire Support EMT Tools Map Favorites Declutter Tools Window
1 : 500K
ASLs (All)
Friendly Geometries (All)
Friendly Units (All)
Hostile Geometries (All)
Hostile Units (All)
Killboxes (All)
Targets (Lists)
Tracks (All)
UNCLASSIFIED
Short coordinates will be applied in a box
100,000 meters north
100,000 meters east
...of the location saved in preference
40R DR 44673 21016 119.38 KM
270214:58Z APR 04

Summary

- Login procedures
- EMT Menus and tool bars.